

Sustainable Water Management Initiative
Technical Subcommittee

Presentation Title: Goals Class Discussion

Presented By: Anne Carroll
SWM Technical Subcommittee Tri-Chair
Department of Conservation and Recreation

Date of Presentation: 9 November 2010

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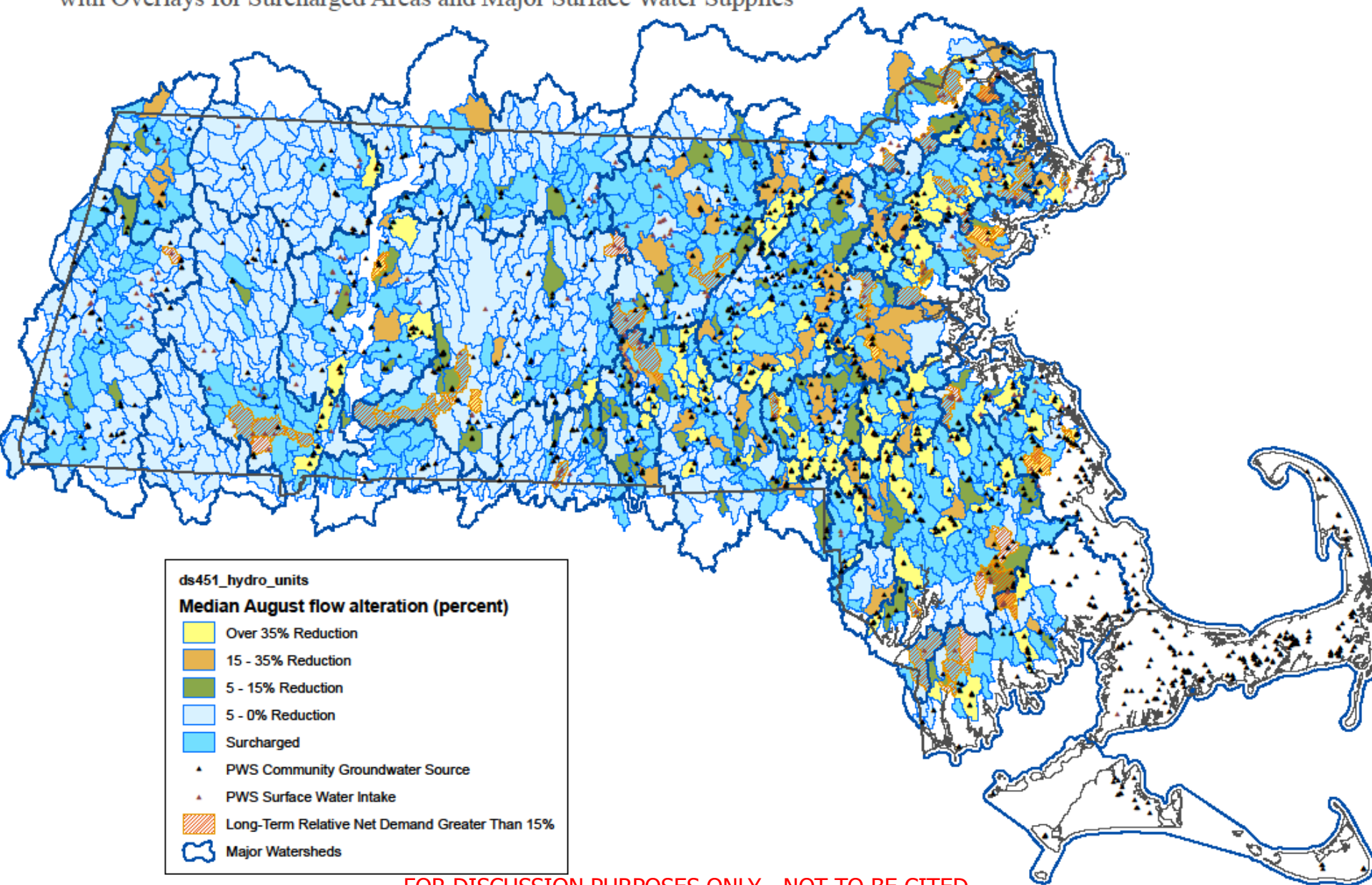
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Goal Class Discussion

SWMI Technical Subcommittee

November 9, 2010

DRAFT: Five Levels of Mean August Flow Reduction,
with Overlays for Surcharged Areas and Major Surface Water Supplies



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Goal Class Concept

- Goal Class is independent from, but informed by existing condition
- 3 Goal Classes:
 - Goal Class 1: High Quality Aquatic Habitat
 - Goal Class 2: Statewide Standard
 - Goal Class 3: Major Water Supply Areas
- Set Criteria for each Goal Class
- Criteria drawn from flow alteration levels

Goals we've heard

- No backsliding
- Improve to at least a category 3
- Everyone goes up one
- Identify and protect water supply areas
- Identify and protect cold water fisheries and other high quality aquatic habitat
- “enough water for people and fish”

Example Goal Class Criteria

GOAL CLASSES	Flow Criteria Applied	Max August % alteration	Max Oct	Max Jan	Max April
Goal Class 1	level 1	5%			
Goal Class 2	level 2	15%			
Goal Class 3- Water Supply	level 3	35%			

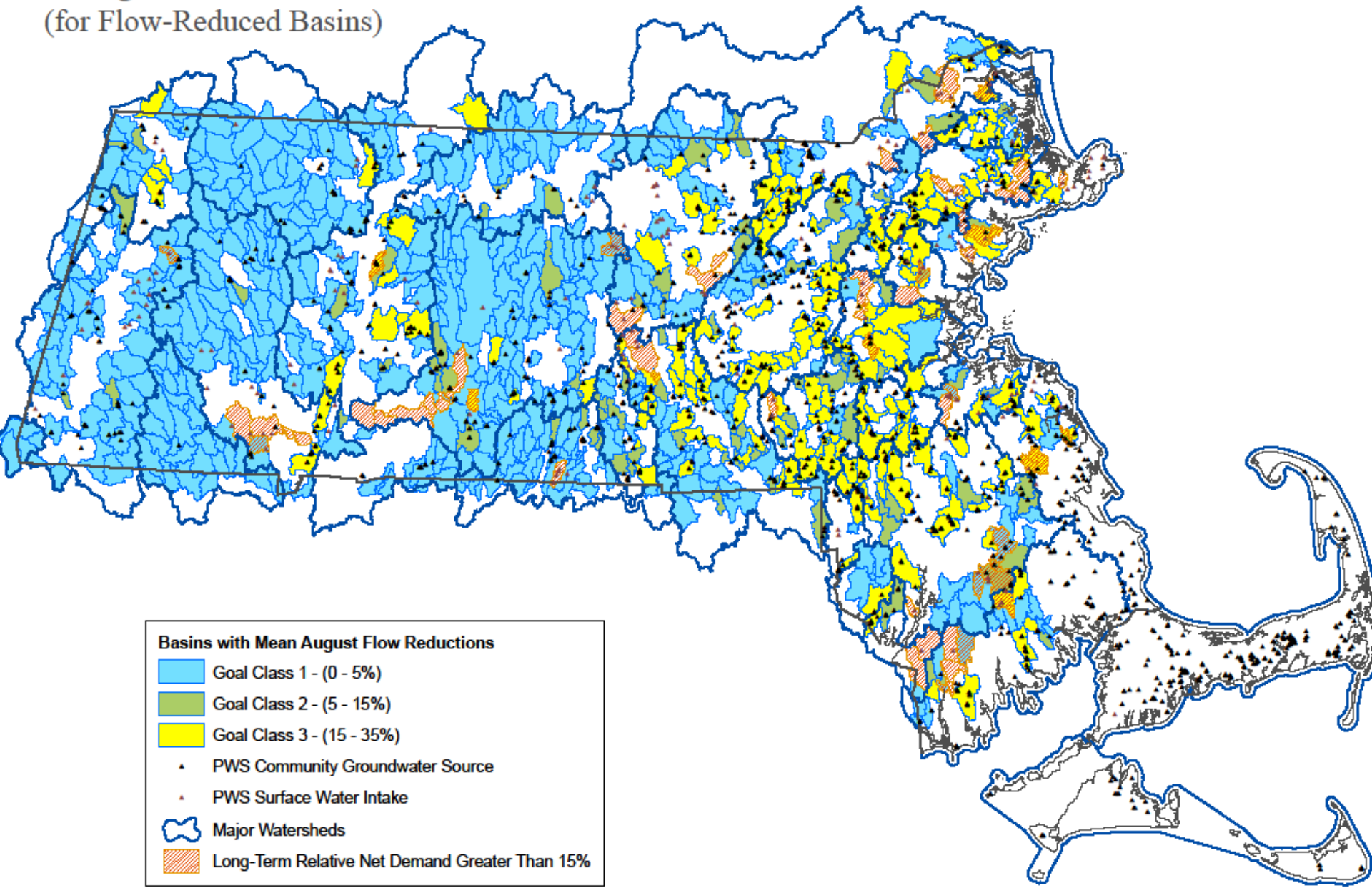
Goal Class Example 1-

(no backsliding and manage towards a 3)

		Flow Level- Reduced					
No. of Basins		1 0 to 5%	2 5-15%	3 15-35%	4 35-65%	5 >65%	<i>row totals</i>
Biological Category Level	1	61	-	-	-	-	61
	2	86	-	-	-	-	86
	3	145	6	1	-	-	152
	4	120	20	9	1	-	150
	5	84	73	68	44	67	336
<i>column totals</i>		496	99	78	45	67	785

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Draft August Flow Goal Classes (for Flow-Reduced Basins)



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Goal Class Example 2

(protects highest quality, allows backsliding)

		Flow Level- Reduced				
No. of Basins		1 0 to 5%	2 5-15%	3 15-35%	4 35-65%	5 >65%
Biological Category Level	1	61	-	-	-	-
	2	86	-	-	-	-
	3	145	6	1	-	-
	4	120	20	9	1	-
	5	84	73	68	44	67

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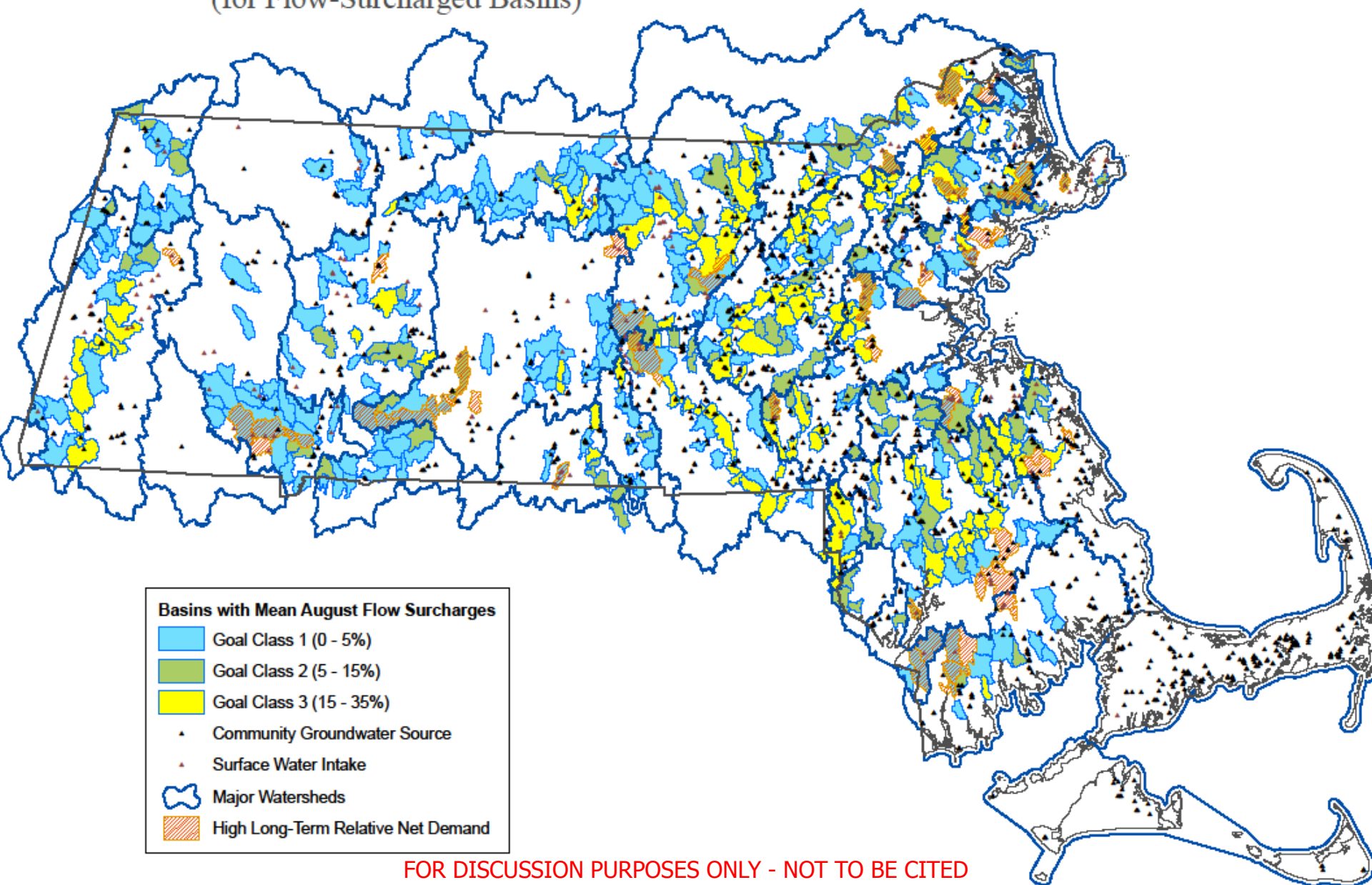
Percent of 785 subbasins in each Goal Class

Example 1	39%	8%	15%
Example 2	12%	36%	15%

Next Steps

- Continue Goal Class discussion
- Develop approach for surcharged areas
- Develop approach for surface water supplies
- Pilot test criteria in selected subbasins

Draft August Flow Goal Classes (for Flow-Surcharged Basins)



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